INFURMATION DISCLOSURE			SURE	ATTORNEY'S DKT NO. 028723-016		APPLICATION NO. 08/487,974			
CITATION				APPLICANT Joe W. GRAY et al					
PTO-1449				FILING DATE June 7, 1995		GROUP 1807			
U.S. PATENT DOCUMENTS									
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME		CLASS	SUBCLASS	FILING DATE		
DM	4,683,202	7/1987	Mullis		435	91			
AM	4,755,458	7/1988	Rabbani et al		435	5			
AM	5,085,983	2/1992	Scanlon		435	6			
AM	5,427,932	6/1995	Weier et al		435	91.2			
AM	5,447,841	9/1995	Gray et al	Gray et al		6			
AM	5,472,842	12/1995	Stokke et al		435	6			
		FORE	IGN PATENTS	DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME		CLASS	SUBCLASS	FILING DATE		
AM	0430402	6/1991	Europe						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
	Boyle et al, "Differential Distribution of Long and Short Interspersed Element Sequences in the Mouse Genome: Chromosome Karyotyphng By Fluorescence In Situ Hybridization," PNAS (USA), Vol. 87, Oct. 1990, pp. 7757-7761								
AM	Brock et al, "Quantitative in situ Hybridization Reveals Extent of Sequence Homology Between Related DNA Sequences in <i>Drosophila melanogaster</i> ," CHROMOSOMA, Vol. 83, No. 2, pp. 159-168								
	Botton et al, "A Highly Polymorphic Locus On Chromosome 16q Revealed By A Probe From A Chromosome-Specific Cosmid Library," <u>Human Genetics</u> , Vol. 74, 1986, pp. 425-431								
	Bufton et al, Four Restriction Fragment Length Polymorphisms Revealed By Probes From A Single Cosmid Map To Human Chromosome 19," Am J Hum Genet, Vol. 38, 1986, pp. 447-460								
	Burk et al, "Organization and Chromosomal Specificity of Autosomal Homologs of Human Y Chromosome Repeated DNA," Chromosoma, Vol. 92, 1985, pp. 225-233								
	Buroker et al, "Four Restriction Fragment Length Polymorphisms Revealed By Probes From A Single Cosmid Map To Human Chromosome 12q," Human Genetics, Vol. 72, 1986, pp. 86-94								
	Coté et al, "Quantitation of in situ Hybridization of Ribosomal Ribonucleic Acids to Human Diploid Cells," Chromosoma, Vol. 80, 1980, pp. 349-367								
	Cremer et al, "Preparative Dual-Beam Sorting of the Human Y Chromosome and In Situ Hybridization of Cloned DNA Probes," Cytometry, Vol. 5, 1984, pp. 572-579								
Davies, "The Application of DNA Recombinant Technology to the Analysis of the Human Genome and Genetic Disease," <u>Human Genetics</u> , Vol. 58, 1981, pp. 351-357									
EXAMINER And Marshel DATE CONSIDERED 12-8-97									

EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.

·	ATTORNEY'S DKT No.	APPLICATION NO.					
INFORMATION DISCLOSURE	028723-016 APPLICANT	08/487,974					
CITATION	Joe W. GRAY et al						
PTO-1449	FILING DATE June 7, 1995	GROUP 1807					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Dennis et al, "Cytogenetics of the Parthenogenetic Grasshopper Warrantaba virgo and Its Bisaxual Relatives," Chromosoma, Vol. 82, 1981, pp. 453-469							
Dutrillaux et al, "Characterization of Chro Cancer Genet, Cytogenet, Vol. 49, (199	Dutrillaux et al, "Characterization of Chromosomal Anomalies in Human Breast Cancer,"  Cancer Genet, Cytogenet, Vol. 49, (1990), pp. 203-217						
Gerhard et al, "Localization Of a Unique	Gerhard et al. "Localization Of a Unique Gene By Direct Hybridization in situ," PNAS, Vol. 78, 1981, op. 3755-3759						
Haase et al. "Detection of Two Viral Gen	Haase et al, "Detection of Two Viral Genomes in Single Cells By Double-Label Hybridization in Situ and Color Microradioautography," Science, Vol. 227, 1985, pp. 189-192						
Holden et al, "Amplified Sequences from Organizer Regions, and Centromeric Hete in the Human Melanoma Cell Line MeWo 131-146	Holden et al, "Amplified Sequences from Chromosome 15, Including Centromeres, Nucleolar Organizer Regions, and Centromeric Heterochromatin, in Homogeneously Staining Regions in the Human Melanoma Cell Line MeWo," Cancer Genet. & Cytogenet., Vol. 14, 1985, pp. 131-146						
Vol. 145, No. 6, 1994, pp. 1253-128Q	Houldsworth et al, "Comparative Genomic Hybridization. An Overview," Am. J. Pathology, Vol. 145, No. 6, 1994, pp. 1253-1260						
Kallioniemi et al, "Comparative Genomic Solid Tumors," <u>Science</u> , Vol. 258, 1992	Kallioniemi et al, "Comparative Genomic Hybridization for Molecular Cytogenetic Analysis of Solid Tumors," Science, Vol. 258, 1992, pp. 818-821						
Kallioniemi et al. "Optimizing Comparativ	Kallioniemi et al, "Optimizing Comparative Genemic Hybridization for Analysis of DNA Sequence Copy Number Changes in Solid Tumors," Genes, Chromosomes & Cancer,						
Krumlauf et al, "Construction and Charac Human Chromosomes," PNAS, Vol. 79,	Krumlauf et al, "Construction and Characterization of Genomic Libraries From Specific Human Chromosomes," PNAS, Vol. 79, 1982, pp. 2971-2975						
Human Y Chromosome Deexyribonucleic	Kunkel et al, "Organization and Heterogeneity of Sequences Within A Repeating Unit Of Human Y Chromosome Depxyribonucleic Acid," <u>Biochem.</u> , Vol. 18, 1979, pp. 3343-3353						
Landegent et al, "Fine Mapping Of The H	Landegent et al, "Fine Mapping Of The Huntington Disease Linked Q4S10 Locus By Non-Radioactive In Situ Hybridization," <u>Human Genetics</u> , Vol. 73, 1986, pp. 354-357						
Lichter et al, "Fluerescence In Situ Hybri Reaction Probes for Rapid Characterizati	Lichter et al, "Fluerescence In Situ Hybridization with Alu and L1 Polymerase Chain Reaction Probes for Rapid Characterization of Human Chromosomes in Hybrid Cell Lines," PNAS (USA), Vol. 87, Sept. 1990, pp. 6634-6638						
Litt et al A Highly Polymorphic Locus I	Litt et al A Highly Polymorphic Locus In Human DNA Revealed By Probes From Cosmid 1-5 Maps To Chromosome 2q35-37," Am J Hum Genet, Vol. 38, 1986, pp. 288-296						
Litt et al, "A Polymorphic Locus On The	Litt et al, "A Polymorphic Locus On The Long Arm Of Chromosome 20 Defined By Two Probes From A Single Cosmid," <u>Human Genetics</u> , Vol. 73, 1986, pp. 340-345						
Lux et al, "Hereditary spherocytosis assegne on chromosome 8," Nature, Vol. 3	Lux et al, "Hereditary spherocytosis associated with deletion of human erythrocyte ankyrin gene on chromosome 8," Nature, Vol. 345, June 21, 1990, pp.736-739						
Malcolm et al, "Chromosomal Localization	Malcolm et al. "Chromosomal Localization Of A Single Copy Gene By in situ Hybridization - Human ß Globin Genes On The Short Arm Of Chromosome 11," Ann. Hum. Genet.,						
Nelson et al, "Genomic Mismatch Scann	Nelson et al, "Genomic Mismatch Scanning: A New Approach To Genetic Linkage Mapping," Nature Genetics, Vol. 4, 1993, pp. 11-18						
	DATE CONSIDERED 12-8-97						

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

·				·		***************************************	<u> </u>			
INFORMATION DISCLOSURE CITATION			ATTORNEY'S L NO. 028723-016		APPLICATION No. 08/487,974					
			APPLICANT Joe W. GRAY et al							
	PTO-1449			FILING DATE June 7, 1995		GROUP 1807	ograpio · · · · ·	2000		
		U.\$	S. PATENT D	OCUMENTS						
EXAMINER'S							FILING	DATE		
INITIALS	PATENT NO.	DATE		NAME	CLASS	SUBCLASS	<del>                                     </del>			
						<u> </u>				
					1	}	1 }			
			<del>-</del>	·						
		<b> </b>			<del> </del>	-				
					<u> </u>	1				
			•							
	OTHER DOC	UMENTS line	luding Autho	or, Title, Date, Perti	nent Pag	es, Etc.)				
	Park et al. "Am	polification. O	verexpressio	n, and Rearrangem	ent of th	e <i>erb</i> B-2 Pro	toopeo	gen		
	in Primary Hum 6609	Park et al, "Amplification, Overexpression, and Rearrangement of the erbB-2 Protoopeogen in Primary Human Stomach Carcinomas," <u>Cancer Research</u> , Vol. 49, Dec. 1989, pp. 6605-6609								
	Drosophila," Ch	hromosoma, \	Vol. 82, 198	epetitive DNA Seq 1, pp. 471-492						
	Rabin, "Mappin Hybridization,"	Rabin, "Mapping Minimally Reiterated Genes On Diploid Chromosomes By In Situ Hybridization," thesis, Dept. of Biochemistry, Univ. III., 1982								
	Rabin et al, "To Chromosomes,	Rabin et al, "Two Homoeo Box Loci Mapped In Evolutionarily Related Mouse And Human Chromosomes," Nature, Vol. 314, 1985, pp. 175-178								
AM	of the Duchenr 581-586	Ried et al, "Direct carrier detection by in situ suppression hybridization with cosmid clon's of the Duchenne/Becker muscular dystrophy locus," <u>Human Genetics</u> , Vol. 85, 1990, pp. 581-586  Ried et al, "Simultaneous Visualization of Seven Different DNA Probes by <i>In Situ</i> Hybridization Using Combinatorial Fluorescence and Digital Imaging Microscopy,"  PNAS (USA), Vol. 89, Feb. 1992, pp. 1388-1392								
	Hybridization L									
	Ruddle, "A New DNA Methodol	Ruddle, "A New Era In Mammalian Gene Mapping: Somatic Cell Geneties And Recombinant DNA Methodologies," Nature, Vol. 294, 1981, pp. 115-120  Saint-Ruf et al, "Proto-Oncogene Amplification and Homogeneously Staining Regions in Human Breast Carcinomas," Genes, Chromosomes & Cancer, Vol. 2, (1990), pp. 18-26  Siracusa et al, "Use of Repetitive DNA Sequences To Distinguish Mus musculus and Mus caroli Cells By in situ Hybridization," J Embryol, exp. Morph., Vol. 73, 1983, pp. 163-178  Sondermeijer et al, "The Activity of Two Heat Shock Loci of Drosophila hydei In Tissue Culture Cells and Salivary Gland Cells as Analyzed by in situ Hybridization of Complementary DNA," Chromosoma, Vol. 72, 1979, pp. 281-291								
	Saint-Ruf et al, Human Breast									
	Siracusa et al, caroli Cells By									
	Sondermeijer e Culture Cells a									
	Steinemann, " Degeneration of	Steinemann, "Multiple Sex Chromosomes in <i>Drosophila miranda</i> : A System to Study the Degeneration of a Chromosome," <u>Chromosoma</u> , Vol. 86, 1982, pp. 59-76  Szabe et al, "Quantitative in Situ Hybridization of Ribosomal RNA Species to Polytene Chromosomes of <i>Drosophila melanogaster</i> ," <u>J. Mol. Biol.</u> , Vol. 115, 1977, pp. 539-563								
	Szabe et al, "C									
EXAMINER	Lalin Max			DATE CONSIDERE						

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.